

REMARKS**Status of the Claims**

Upon entry of the amendment above, claims 1-11, 13, 15-19, and 21-38, 40, and 41 will be pending, claims 1, 6, 7, 13, 38, and 40 being independent.

Summary of the Office Action

The drawings are objected to under 37 CFR §1.83(a) for not illustrating a base having at least two holes extending through a thickness thereof, as recited in claims 13, 38, and 40.

Claim 1 is objected to for a grammatical/editorial error, *i.e.*, "extending extend", in line 6.

Claims 35-42 are rejected under 35 USC §112, first paragraph, as allegedly failing to comply with the written description requirement thereof.

Claims 6, 38, 39, and 41 are rejected under 35 USC §112, second and sixth paragraphs, as allegedly being indefinite.

Claims 1-4, 6, 7, 9, 10, 13, 14, 16-18, 23-25, 28-30, and 35-42 are rejected under 35 USC §103(a) as being unpatentable over KELLER et al. (U.S. Patent No. 5,909,893, hereinafter "KELLER") in view of VITALI et al. (U.S. Patent No. 5,380,031, hereinafter "VITALI").

Claims 5, 8, 11, 15, 19, 21, 22, 26, 27, and 31-34 are indicated as containing allowable subject matter.

Response to the Office Action**A. Withdrawal of Objection to Drawings Under 37 CFR §1.83(a)**

For the purpose of advancing prosecution of the instant application, Applicants have chosen to amend independent claims 13, 38, and 40 to include the subject matter of dependent claims 14, 39, and 42, respectively, whereby the specified holes are located in the disk.

Accordingly, reconsideration and withdrawal of the objection is requested, inasmuch as the drawings show every feature of the invention in claims 13, 38, and 40 as amended.

Applicants note that claim 14 had included the subject matter giving rise to the objection at the time of the previous rejection. Accordingly, Applicants submit that this objection, at least with regard to claim 14, was prematurely made in the final Office action to which Applicants now respond.

Therefore, in the event that this amendment were to be denied entry for any reason, Applicants request that the finality of the Office action be withdrawn for the purpose of providing Applicants an opportunity to respond to this objection differently than by the mere cancellation of claims 14, 39, and 42.

Further, Applicants note that in claims 13, 38, and 40, the disk had been recited as being a part of the base and, in that sense, the illustrated embodiments of the invention, albeit with the holes extending through the disk, also depict the holes extending through the base. In this way, therefore, Applicants submit that claims 13, 38, and 40, prior to the amendment above, are shown in the drawings.

B. Withdrawal of Informality/Objection Regarding Claim 1

In response to the informality noted by the Examiner, Applicants have amended claim 1 by deleting the word "extend."

In view of the amendment, withdrawal of the objection is kindly requested.

C. Withdrawal of Rejection Under 35 USC §112, First Paragraph

Applicants request that the rejection of claims 35-42 under 35 USC §112, first paragraph, be withdrawn.

As the Examiner has observed, claims 35-38 and 40 indicate that the single plate is the only plate of the assembly having the predetermined size and shape.

The Examiner also comments that "the disclosure does not distinguish the single plate from the second plate based upon size and shape." This comment is correct only in the limited

sense that the *literal text* of the specification does not distinguish the single plate from a second plate based upon size and shape.

However, compliance with the written description requirement of 35 USC §112, first paragraph, does not require "[t]he subject matter of the claim [to be] described literally (i.e., using the same terms or *in haec verba*) in order for the disclosure to satisfy the description requirement." See *Manual of Patent Examining Procedure* (MPEP), Section 2163.02, page 2100-172 (Rev. 1, Feb. 2003).

The foregoing quotation is taken from *In re Smith*, 481 F.2d 910, 178 USPQ 620 (CCPA 1973), which was cited with favor in *In re Wright*, 866 F.2d 422, 9 USPQ2d 1649 (Fed. Cir. 1989), in the court's opinion reversing a rejection affirmed by the Board of Appeals, based upon an alleged failure to comply with the written description requirement of §112, first paragraph. In *Wright*, in the context of an invention directed to a method of forming images with photosensitive powder particles, the text of the original specification had not included the literal description of the powder particles being "not permanently affixed" to a support, although the phrase had been added by amendment. In finding support for the added phrase, the court relied upon a showing in a drawing of a "cleaner means" for removing powder from a drum and various parts of the text referring to powder being deposited on a support and subjecting the powder to a rupturing force and to the particles being removed from a support.

In its affirmance, the Board had been concerned that the aforementioned phrase was open to a different interpretation. The Federal Circuit, however, in reversing the Board, observed that the Board's concern (i.e., that the phrase "was open to a different interpretation") goes to the *scope* of the phrase rather than to the support for it. In fact, the Federal Circuit remarked: "We deem this to be an irrelevant inquiry."

Similarly, in *In re Smythe*, 178 USPQ 279, 285 (CCPA 1973), the court quoted from its earlier decision (*In re Reynolds*, 443 F.2d 384, 170 USPQ 94, 98 (1971)), which had quoted

with approval the following from an opinion in *Technicon Instruments Corp. v. Cole Instruments, Inc.*, 255 F.Supp 630, 150 USPQ 227 (N.D.Ill. 1966), aff'd., 385 F.2d 391, 155 USPQ 369 (7th Cir. 1967):

By disclosing in a patent application a device that inherently performs a function, operates according to a theory, or has an advantage, a patent applicant necessarily discloses that function, theory or advantage *even though he says nothing about it*. The application may later be amended to recite the function, theory or advantage without introducing prohibited new matter. (emphasis added)

As explained in MPEP, §2163.02 (Rev. 1, Feb. 2003):

Under *Vas-Cath, Inc. v. Mahurkar*, 935 F.2d 1555, 1563-64, 19 USPQ 1111, 1117 (Fed. Cir. 1991), to satisfy the written description requirement, an applicant must convey with reasonable clarity to those skilled in the art that, as of the filing date sought, he or she was in possession of the invention The test for sufficiency of support ... is whether the disclosure ... 'reasonably conveys to the artisan that the inventor had possession at the time of the later claimed subject matter.' (citations omitted)

With the foregoing as background, Applicants submit that in the instant case a determination is to be made as to whether each of the rejected claims 35-38 and 40 reasonably conveys to the artisan that the Applicants had possession of the claimed invention at the time the

instant application was filed. In making such determination, as noted by the CCPA in *Smythe*, it can be taken into account that if the disputed subject matter relates to a function, theory, or advantage, an applicant can be found to have necessarily disclosed such function, theory, or advantage even though the disclosure "says nothing about it." And, further, as noted by the Federal Circuit in *Wright*, the fact that a disputed subject matter might be "open to different interpretations" goes to the *scope* of the phrase rather than to issue of compliance to the written description requirement of §112, first paragraph, and an inquiry into such interpretations is deemed an "irrelevant inquiry."

Now, the subject matter in dispute, according to the rejection, is "that the single plate is the only plate of the assembly having the predetermined size and shape." In claim 35, *e.g.*, it is specified that "said single plate has a predetermined size and shape, wherein said single plate is the only plate of the retaining assembly having said predetermined size and shape, the retaining assembly thereby not including a second plate having said predetermined size and shape."

As mentioned above, the observation that "the disclosure does not distinguish the single plate from the second plate based upon size and shape" is correct only in the limited sense that the *literal text* of the specification does not distinguish the single plate from a second plate based upon size and shape.

However, as in *Smythe*, despite Applicants' specification having said "nothing about it," *i.e.*, the single plate being distinguished from a second plate based upon size and shape, Applicants had possession of the subject matter of the rejected claims.

That is, as Applicants have explained previously, the invention of the rejected claims encompasses the use of a *single* plate, *i.e.*, one and only one such plate. According to the invention, by virtue of the assembly having all of the screws extending through a *single plate*, the user can position all of the screws for mounting the retention assembly upon a sports

apparatus, such as a snowboard, in a single manipulation. As a result, the function and advantage of the invention in such mounting and adjusting of the retention assembly relate to less time consumed and a simpler positioning of the retention assembly on the board.

The observation in the rejection that "the second plate that does not have the predetermined size and shape is not supported by the original specification" is, as the Federal Circuit commented in *Wright*, "an irrelevant inquiry." Applicants' invention as recited in the rejected claims is that *there is no second plate*. Thus, the fact that there is no second plate of a particular size and shape is not beyond Applicants' disclosure of the rejected claims of their being no second plate at all. As a consequence, Applicants had possession of their being no second plate having *any* size and shape in the invention of the rejected claims.

Accordingly, because Applicants had possession of the disputed subject matter, no prohibited new matter is contained within the rejected claims and the rejected claims are in compliance with the written description requirement of 35 USC §112, first paragraph. Therefore, reconsideration and withdrawal of the rejection is kindly requested.

D. Withdrawal of Rejection Under 35 USC §112, Second and Sixth Paragraphs

Applicants have reviewed the Examiner's explanation regarding his observations concerning the means limitations appearing in claims 6, 38, and 41. Although the rejection at the outset of the rejection refers to the claims (*i.e.*, claims 6, 38, 39, and 41) being indefinite, Applicants have been unable to determine from the subsequent comments within the rejection any particular aspect of the limitations that render the claims indefinite.

Therefore, it appears that the purpose of the rejection is to provide Applicants with an opportunity to comment on the Examiner's observations, for which Applicants provide comments below.

In general, the Examiner's observations are correct. The means for retaining screws on the plate only connect the plate to the disk when the base is not affixed to the sports apparatus

if the plate is disposed beneath the base or disk (*i.e.*, when the plate, disk, *etc.*, are oriented with the base upright as in Fig. 1, for example). If the plate were to be disposed above the base or disk, the means would only retain the screws on the plate and would not connect the plate to the disk. In every case, the retaining means retains the screws to the plate, as disclosed, *e.g.*, in paragraph 0011 and claim 1, as originally filed.

In section B.3 of the remarks in Applicants' reply of August 18, 2003, Applicants mentioned that "[i]n a number of dependent claims (claims 2, 8, 15, 33, and 34, *e.g.*), Applicants call for the plate to be located on a lower portion of the disk, or in a cavity in the lower surface of the base or disk." Applicants did not indicate that the plate is disposed on the lower surface of the base or disk *only* in these claims. Nor did Applicants indicate that the plate is disposed in the lower surface of the base or disk *only* in *other* claims. The parent claims of claims 2, 8, 15, 33, and 34, however, encompass embodiments of the invention in which the plate is disposed on the lower surface of the base or disk, or in a cavity of the lower surface of the base or disk.

Because the metes and bounds of the rejected claims can be determined with reasonable precision, reconsideration and withdrawal of the rejection is requested.

E. Withdrawal of Rejection Under 35 USC §103(a)

Applicants request that the rejection under 35 USC §103(a) based upon a combination of KELLER and VITALI be withdrawn.

1. A Single Plate

Each of Applicants' claims 1, 7, and 13 includes the limitation that the assembly of the invention includes a "single plate." Neither KELLER nor VITALI discloses a boot retaining assembly that includes a single plate.

In contrast, KELLER provides a first pair of screws 8 that extend through a pair of holes in a first plate 12 and a second pair of screws 8 that extend through a pair of holes in a second

plate. *Each of the screws 8 of KELLER's disclosed retaining apparatus do not extend through a single plate.* Further, VITALI provides no teaching or suggestion to supply this deficiency of KELLER.

As Applicants have explained previously, according to the invention, by virtue of having all of the screws extending through a single plate, the user can position all of the screws for mounting the retention assembly upon a sports apparatus, such as a snowboard, in a single manipulation. As a result, the mounting and adjusting operations are less time-consuming and simpler and the positioning of the retention assembly on the board is easier. Neither VITALI nor KELLER teach or suggest this.

In the rejection, KELLER is described as having "two generally rectangular plates 12" and that "[e]ach plate includes two holes 13 extending through a thickness of the plate"

Thus, KELLER discloses at least *two plates*, whereas in rejected claims 1, 7, and 13, Applicants claim *a single plate* and Applicants' specification clearly describes the advantage that the single plate of the rejected claims provides over the prior art, including the disclosure of KELLER.

In the section of the Office action entitled "Response to Arguments," beginning on page 9 of the Office action, arguments are presented in support of the rejection of claims 1, 7, and 13, despite Applicants' recitation of a single plate. These arguments are addressed immediately below.

a. Ordinary Meaning of "Single"

In the second complete paragraph of page 9 of the Office action, it is contended that "the ordinary meaning of the word 'single' is not limited to the narrow definition cited by Applicants."

That contention is wrong.

In support of the contention, the rejection relies upon a definition (no explanation is given as to the particular order of the offered rejection in the hierarchy) from a dictionary entitled *Webster's II New Riverside University Dictionary*, Houghton Mifflin Co., Boston, Mass., 1994, *viz.*, "separate from others" and "distinct."

No other evidence is provided by the Examiner in support of his contention that Applicants' offered definition is "narrow" and not representative of the ordinary meaning of the word "single."

In spite of the paltry evidence provided, and in further reply to the rejection, Applicants have attached hereto the title page, the copyright page, and page 1086 of *Webster's II New Riverside University Dictionary*, Houghton Mifflin Co., Boston, Mass., 1988. The Examiner's definition appears on page 1086 as the *fourth* definition of the word "single."

The *first* and *second* definitions for the term "single" in that dictionary are "1. Unaccompanied by another or others : SOLE <a *single* survivor> 2.a. Consisting of one part or form <a *single* layer> <a *single* standard of quality> b. Consisting of one alone <I had a *single* thought, which was to survive."

Thus, *Webster's II New Riverside University Dictionary*, cited in support of the rejection in the Office action, supports Applicants' position.

As further evidence of Applicants' position, they offer the following definitions, *including the first definitions*, of the word "single" taken from three additional dictionaries.

In *The American Heritage Dictionary of the English Language*, Fourth Ed., Houghton Mifflin Co., Boston, Mass., 2000, the first two definitions of the word "single" (on page 1625) are: "1. Not accompanied by another or others; solitary. 2a. Consisting of one part, aspect, or section: *a single thickness; a single serving*. b. Having the same application for all; uniform: *a single moral code for all*. c. Consisting of one in number: *She had but a single thought, which was to escape.*"

In *Webster's New Twentieth Century Dictionary of the English Language*, Second Ed., William Collins Publishers, Inc., U.S.A., 1980, the first two definitions of the word "single" (on page 1694) are: "1. one only; one and no more; individual. 2. without another or others; alone; solitary."

In *Webster's Encyclopedic Unabridged Dictionary of the English Language*, New Deluxe Ed., Random House Value Publishing, Inc., Gramercy Books, New York, 1996, the first three definitions of the word "single" (on page 1785) are: "1. only one in number; one only; unique; sole; *a single example*. 2. of, pertaining to, or suitable for one person only; *a single room*. 3. solitary or sole; lone: *He was the single survivor.*"

Excerpts from additional dictionaries can also be provided.

Applicants submit that the weight of the evidence supports Applicants' position regarding the ordinary meaning of the word "single." In contrast, the single (*i.e.*, as in one and only one) example provided in the rejection, taken from the aforementioned Riverside University dictionary, is given *without context*. That is, the meaning of the word "single" offered to support the Examiner's position, *viz.*, "separate from others" and "distinct" is believed to relate merely to a particular grammatical usage, as evidenced by the example given in definition 4a of *The American Heritage Dictionary of the English Language*, *i.e.*, "4a. Separate from others; individual and distinct: *Every single child will receive a gift.*"

That is, the term "single" means "separate and distinct" in the context of identifying things/people (*i.e.*, "children" in the given example) separately, rather than in a group.

b. Applicants' Intent/Transitional Phrase

In the third paragraph beginning on page 9 of the Office action, it is contended that "Applicants' intent in the meaning of the word 'single' is unclear" and that the fact that the word "single" in claims 1, 7, and 13 "is qualified by the broad transitional phrase 'comprising' rather

than a narrow phrase such as 'consisting of' ... suggests that 'single' is not intended to exclude the presence of additional plates."

That contention is wrong.

The transitional phrase "comprising" is used (in claim 1, for example) as follows: "the assembly further comprising a single plate" Clearly, the substitution of the term "consisting" in place of the term "comprising" there, in claim 1, would be incorrect. Applicants would assume that the claim, had the term "consisting" been used in that location in the claim, would have been rejected by the Examiner on a number of grounds, inasmuch as the assembly has not been disclosed as being limited merely to the plate. In fact, if the term "consisting" had been used in that location, the term "single" would be redundant/unnecessary.

It is not the term "single" that is qualified by the transitional term "comprising"; instead, it is the term "assembly" that is qualified by the term "comprising."

c. Claims 35, 36, 37 Distinguishing "Additional" Plates by Size and Shape

Also in the third paragraph beginning on page 9 of the Office action, it is contended (beginning with the final line of page 9) that "dependent claims 35, 36, and 37 distinguish the single plate from additional plates based upon size and shape" and that [t]his claim differentiation suggests that 'single' is not intended to exclude the presence of additional plates."

That contention is wrong.

There is an alternate reason for the wording chosen in claims 35, 36, and 37. That is, had Applicants specified, in claims 35, 36, and 37, merely that "the assembly does not include a second plate," their undersigned representative has prosecuted enough applications over the years in former Examining Group 310 and in Tech Center 3600, to have anticipated a rejection such as one based upon a contention that a disk such as that labeled 20 in the embodiment shown in Fig. 1, *e.g.*, can be construed as a "plate" (according to an "ordinary meaning" of the term "plate"). After all, Applicants note that KELLER refers to his disk as a "fastening *plate*" (see

column 2, lines 45-46). However, the plate as described in claims 35, 36, and 37, and as supported by Applicants' disclosure, avoids such a rejection. For example, the "single" plate, such as that labeled 50 in the same embodiment, is differently sized and shaped from the disk 20.

2. Retaining Means in Claims 1 and 6

The end of Applicants' claim 1 calls for "means for retaining the screws on the plate." Additionally, Applicants' claim 6 calls for "means for retaining the screws on the plate and for connecting the plate to the disk when the base is not affixed to the sports apparatus."

The rejection includes an acknowledgement that KELLER does not disclose a retaining means for retaining the screws on the plate and that a secondary teaching is required, *viz.*, VITALI.

VITALI discloses a device for assembling an accessory, such as the base of a binding, upon a ski and, more specifically, a device that includes an arrangement by which screws are held in their holes when the base is placed on the ski.

In VITALI no slidable plate is disclosed and there is no need to move the screws in position along elongated holes relative to the base. Further, in VITALI, there is no disk having such elongated holes.

Applicants submit that it would not have been clear to one skilled in the art how either of the thin plates 12 of KELLER could be modified to incorporate the structures taught by VITALI for the purpose of holding KELLER's screws relative to the plates 12.

In addition, even if one were able to utilize the teachings of VITALI in the apparatus of KELLER, one would have screws that are held in the holes of the plates 12, but one would *not* be able to realize the objective of VITALI, *viz.*, holding screws relative to the base as the base is placed upon the ski. That is, the plates 12 would be free to become loose relative to the fastening plate 1 upon which the plates 12 are supported.

Consequently, any suggestion for modifying KELLER's apparatus by means of the teachings of VITALI can only originate improperly with Applicants' disclosure.

On page 10 of the Office action, it is contended that "there is no need to for Vitali et al. to teach a slidable plate or movable screws since this structure is already taught by Keller et al. Vitali et al. is relied upon simply to teach the common retaining means structure in a retaining assembly of a sports apparatus."

If VITALI is relied upon simply to teach the common retaining means structure in a retaining assembly of a sports apparatus, the combination of KELLER and VITALI fails to teach or suggest Applicants' invention. For example, what teaching or suggestion is provided by VITALI "to retain the screws on the plate" (paraphrased from claim 1) or "to retain the screws on the plate and to connect the plate to the disk when the base is not affixed to the sports apparatus" (paraphrased from claim 6)?"

Clearly, neither KELLER nor VITALI provides any disclosure of retaining the plate to the sports apparatus if the base is not fixed to the sports apparatus, *i.e.*, snowboard or ski, respectively.

3. Plate on Lower Portion of Disk in Claim 2

In claim 2, Applicants call for the plate to be located on a lower portion of the disk. In the first complete paragraph on page 6 of the previous Office action, *i.e.*, the Office action of May 16, 2003, it had been explained that this orientation (presumably modified from that disclosed by KELLER) "represents an obvious reversal of parts."

This comment has not been repeated in the rejection of claim 2 of this final Office action. However, a comment is made in the first complete paragraph on page 9 of the final Office action, although not attributed to the rejection of any particular claim, that "[t]he lower surface of cavity 11 represents a lower portion of the disk within the scope of the claims."

If this latter statement in the remarks to Applicants' arguments is intended to bootstrap the rejection of claim 2, which does not appear to address the subject matter of claim 2, Applicants submit that the finality of the rejection is premature and, in that event, request that the finality of the rejection be withdrawn so that Applicants be given a fair opportunity to amend claim 2, if necessary, to overcome this new rejection. The rejection is not one that could have been reasonably expected without the explanation given in the final Office action.

Regardless of whether the rejection is premature or not, the lower surface of cavity 11 of KELLER is not a *lower portion of a disk*, as specified in Applicants' claim 2. First, in this regard, a "surface" is not a portion; a surface is only a two-dimensional aspect of something. Second, surface 11 is not in a lower portion of "fastening plate 1" of KELLER. Thus, in what sense, can the surface 11 of KELLER be regarded as a "lower portion" of the disk?

F. Entry of Amendment

Entry of the amendment above is believed proper at this time, *i.e.*, after final rejection, inasmuch as no new issues are raised, no new claims are added, and the application reduces issues for appeal, should an appeal be necessary.

That is, the informality raised in connection with claim 1 ("extending extend" changed to "extending") has been corrected, and claims 14, 39, and 42 have been canceled in conjunction with their subject matter having been incorporated into their respective independent claims.

G. Withdrawal of Finality and Issuance of Non-Final Office Action

As explained above, two issues are raised in the final Office action to which Applicants herewith respond which give rise to a request that finality be withdrawn and that a new non-final Office action be issued, if this reply does not result in the resolution of such issues.

First, regarding the objection to the drawings under 37 CFR §1.83(a), Applicants noted above that claim 14 had included the subject matter giving rise to the objection at the time of the previous rejection. Accordingly, the objection, at least with regard to the illustration of the

subject matter of claim 14, was prematurely made in the final Office action to which Applicants now respond.

Therefore, as stated above, if this amendment is denied entry, Applicants request that the finality of the Office action be withdrawn and that Applicants be issued a non-final Office action to provide Applicants with a fair opportunity to respond to the objection.

Second, as explained above, the rejection of claim 2 under 35 USC §103(a) appears to be based upon a new ground of rejection, albeit using the same references, KELLER and VITALI, from the previous Office action, that is, regarding KELLER, that "[t]he lower surface of cavity 11 represents a lower portion of the disk within the scope of the claims."

Therefore, as stated above, if the rejection of claim 2 is retained, upon entry of this reply, Applicants request that the finality of the Office action be withdrawn and that a non-final Office action be issued to provide Applicants with a fair opportunity to amend claim 2, or other action in response to the rejection.

SUMMARY AND CONCLUSION

The grounds of objection and rejection advanced in the Office action have been addressed and are believed to be overcome. Reconsideration and allowance are respectfully requested in view of the amendment and remarks above.

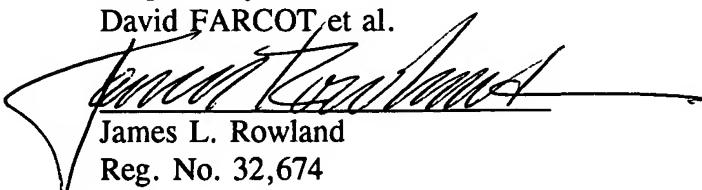
A check is enclosed for payment of claim fees. No additional fee is believed to be due at this time. However, the Commissioner is authorized to charge any fee required for acceptance of this reply as timely and complete to Deposit Account No. 19-0089.

Further, although no extension of time is believed to be necessary at this time, if it were to be found that an extension of time were necessary to render this reply timely and/or complete, Applicants request an extension of time under 37 CFR §1.136(a) in the necessary increment(s) of month(s) to render this reply timely and/or complete and the Commissioner is authorized to

charge any necessary extension of time fee under 37 CFR §1.17 to Deposit Account No. 19-0089.

Any comments or questions concerning this application can be directed to the undersigned at the telephone or fax number given below.

Respectfully submitted,
David FARCOT et al.



James L. Rowland
Reg. No. 32,674

February 16, 2004
GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191

(703) 716-1191 (telephone)
(703) 716-1180 (fax)

Attachments:

- page 1086 of *Webster's II New Riverside University Dictionary*, Houghton Mifflin Co., Boston, Mass., 1988
- page 1625 of *The American Heritage Dictionary of the English Language*, Fourth Ed., Houghton Mifflin Co., Boston, Mass., 2000
- page 1694 of *Webster's New Twentieth Century Dictionary of the English Language*, Second Ed., William Collins Publishers, Inc., U.S.A., 1980
- page 1785 of *Webster's Encyclopedic Unabridged Dictionary of the English Language*, New Deluxe Ed., Random House Value Publishing, Inc., Gramercy Books, New York, 1996

WEBSTER'S II
New Riverside
University
Dictionary

is the maximum displacement, ϕ is the initial phase or angular displacement at $t = 0$, and k is a constant equal to 2π times the frequency of the oscillation.

simple honors *pl.n.* Three honors in trump or three aces at no-trump held by the same side in bridge.

simple interest *n.* Interest paid only on the original principal, not on the interest accrued.

simple machine *n.* MACHINE 1b.

simple microscope *n.* A microscope having one lens or lens system, as a magnifying glass or hand lens.

simple-minded (*sim'pal-min'did*) *adj.* 1. Not sophisticated: ARTLESS. 2. Stupid; silly. 3. Mentally defective. —*simple-mindedly* *adv.* —*simple-mindedness* *n.*

simple pendulum *n.* PENDULUM 1.

simple sentence *n.* A sentence having no coordinate or subordinate clauses, as *The dog growled*.

Simple Simon *n.* [After Simple Simon, a character in a nursery rhyme.] A fool.

simple sugar *n.* A monosaccharide.

simpleton (*sim'pal-tən*) *n.* [*< SIMPLE*.] A fool.

simplex (*sim'plēks*) *adj.* [*Lat. simplex, simple*.] Denoting a system of telegraphy in which only one message may be sent in either direction at one time.

simplicity (*sim-pli'tē*) *n.*, *pl.* *-ties*. [*ME symplicie < OFr. < Lat. simplicitas < simplex, simple*.] 1. The quality, state, or fact of being simple. 2. Absence of luxury or showiness. 3. Absence of affection or pretense. 4. Lack of good sense or intelligence: FOOLISHNESS.

simply (*sim'plē*) *vt.* *-fied, -fying, -fies* [*Fr. simplifier < Med. Lat. simplificare: Lat. simplus, simple + facere, to make*.] To make simple or simpler. —*simplicity* *n.* —*simplicity* *n.*

simplicity (*sim'plētē*) *n.* [*Fr. simplicité < OFr. simple, simple*.] The tendency to oversimplify an issue by ignoring complexities. —*simplicity* *adj.* —*simplicity* *adv.*

simply (*sim'plē*) *adv.* 1. In a simple way: PLAINLY. 2. Foolishly. 3. Merely: only. 4. Absolutely: altogether <simply ludicrous>.

5. Frankly; candidly <You are, quite simply, incompetent>. —*simply connected* *adj.* Of, being, or characterized by a mathematical surface that is divided into two separate parts by every simple closed curve within it.

simply ordered *adj.* Having any three mathematical elements transitively related and any two elements equal or connected by an asymmetric relationship.

simula-cra (*sim'yō-lā'kro*, *lāk'ro*) *n.* *pl.* of SIMULACRUM.

simula-cra (*sim'yō-lā'kōr*, *lāk'ōr*) *n.* Archaic. A simulacrum.

simula-crūm (*sim'yō-lā'krom*, *lāk'rom*) *n.*, *pl.* *-la-crū* (*lā'kro*, *lāk'ro*). [*Lat. < simulare, to simulate < similis, like*.] 1. An image or representation. 2. An unreal or vague semblance.

simu-lar (*sim'yō-lär*, *lär*) Archaic. —*n.* One that simulates: SIMULATOR. —*adj.* Simulated: sham.

simu-late (*sim'yō-lāt*) *vt.* *-lated, -lating, -lates*. [*Lat. simulare, simulat- < similis, like*.] 1. To have or take on the appearance, form, or sound of: IMITATE. 2. To make a pretense of: FEIGN <simulate an interest in a conversation>. —*adj.* (*lit.*, *lāt*). Simulated. —*simu-lative* *adj.*

simu-lation (*sim'yō-lā'shōn*) *n.* 1. The act or process of simulating. 2. An imitation. 3. A false appearance.

simu-lator (*sim'yō-lā'tōr*) *n.* One that simulates, esp. a device that generates test conditions approximating actual or operational conditions.

simu-lac-t (*sim'ul-kāst*, *sim'ul'*) *vt.* *-casted, -casting, -casts*. [*SIMUL(TANE)OUS* + (*BROAD)CAST*.] To broadcast simultaneously, as by FM radio and television. —*simu-lac-t* *n.*

simu-tane-ous (*sim'ul-tā'nē-əs*, *sim'ul'*) *adj.* [*Lat. simul, at the same time + E. -aneous, as in instantaneous*.] 1. Occurring, existing, or carried out at the same time. 2. Math. Collectively restricting the values of a set of variables <simultaneous equations>. —*simu-tane-ously* *adv.* —*simu-tane-ous-ness*, *simu-tane-i-ty* (*-tā'nē-tē, -nās*) *n.*

sin¹ (*sin*) *n.* [*ME sinne < OE synn*.] 1. Transgression of a religious or moral law. 2. Estrangement from God as a result of breaking God's law. 3. An offense, violation, fault, or error. —*vi. sinned, sinning*.

sina *1. To violate a religious or moral law. 2. To commit an offense or violation.*

sin² (*sēn*, *sin*) *n.* [Heb. var. of *shin*, the letter shin.] The 21st letter of the Hebrew alphabet. —See table at ALPHABET.

sin-an-thro-pus (*si-nān'θrō-pəs*, *si*, *si-nān-thrō-pəs*, *sin'ān*) *n.* [*NLat. Sinanthropus, genus name: SINO- + anthropus, human being*.] An extinct humanlike primate of the genus *Sinanthropus*, which includes the Peking man.

sin-ap-isim (*sin'ap'izəm*) *n.* [*Fr. sinapisme < LLat. sinapismus < Gk. sinapismos, use of a mustard plaster < sinapizein, to apply a mustard plaster < sinapi, mustard*.] A mustard plaster.

since (*sins*) *adv.* [*ME sinnes, contraction of sithenes < OE siððan*.] 1. From then until now or between then and now <left home and hasn't been there since>. 2. Before now: AGO <long since given>. —*prep.* From a specified time in the past <has not been here since Monday> —*conj.* 1. During the time after which <They have not been back since they graduated>. 2. Continuously from

the time when <They have not called since they left>. 3. As a result of the fact that: INASMUCH AS <Since you're not interested, I won't tell you about it>.

sincere (*sin'sir*) *adj.* *-cerer, -cerest* [*Lat. sincerus*.] 1. Not feigned or affected: TRUTH <sincere apologies>. 2. Presenting no false appearance: HONEST <a sincere believer>. 3. Archaic. Pure: unadulterated. —*sincere* *adv.* —*sincere* *n.* —*sincerity* *n.*

sin-ci-pit (*sin'sə-pit*) *n.*, *pl.* *sin-ci-pits* or *sin-ci-pita* (*sin'ē-tə*) [*Lat. : semi, half + caput, head*.] 1. The upper half of the cranium, esp. the anterior portion above and including the forehead. 2. The forehead. —*sin-ci-pit* (*sin'ē-tē*) *adj.*

Sindhi (*sin'dē*) *n.*, *pl.* *Sindhi* or *-this*. [*Ar. Sindi*.] 1. a. The predominantly Moslem people of Sind. b. A member of this people. 2. The Indic language of Sind. —*Sindhi* *adj.*

sine (*sin*) *n.* [*Med. Lat. sinus < Lat. curve*.] 1. The ordinate of the endpoint of an arc of a unit circle centered at the origin of a Cartesian coordinate system, the arc being of length x and measured counterclockwise from the point $(1, 0)$ if x is positive or clockwise if x is negative. 2. The function of an acute angle that is the ratio of the opposite side to the hypotenuse in a right triangle.

sine-cure (*sin'ē-kyoōr*, *sin'tē*) *n.* [*< Med. Lat. sine cura, without cure of souls*.] 1. An ecclesiastical benefice not attached to the spiritual duties of a parish. 2. A position or office requiring little or no work but providing a salary. —*sin-e-curism* *n.* —*sin-e-curist* *n.*

sine curve *n.* The graph of the equation $y = \sin x$. —*sin-e die* (*sin'ē dē', sin'ā dē'ā*) *adv.* [*Lat. without a day*.] Without a day specified for a future meeting: DEFINITELY <Parliament was dismissed sine die>.

sin-e qua non (*sin'ē kwā nōn', nōn', si-nē kwā nōn'*) *n.* [*lit. without which not*.] An essential element.

sin-e-w (*sin'ēōō*) *n.* [*ME sinewe < OE sinu*.] 1. A tendon. 2. Vigorous muscular strength and power. 3. often *sinews*. The source or mainstay of vitality and strength.

sine wave *n.* Physics. A waveform with deviation that can be expressed as the sine or cosine of a linear function of time or space or both.

sin-e-wy (*sin'ēōōē*) *adj.* 1. Consisting of or being like sine. 2. Lean and muscular. 3. Strong; vigorous.

sin-ful (*sin'fəl*) *adj.* Characterized by or full of sin: WICKED <sinful deeds> <sinful thoughts>. —*sin-fu-lly* *adv.* —*sin-fu-ness* *n.*

sing *v. sang (sāng), sung (sūng), singing, sings. [ME sēgen < OE singan.]* —*vi.* 1. To utter a series of sounds or words in musical tones. 2. To vocalize songs. 3. To produce or have the effect of melody: LILT. 4. To produce musical sounds when played <made the violin sing>. 5. To make a high whine <The machine sang>. 6. To be filled with a buzzing sound <The great hall sang with voices>. 7. To proclaim or extol something in poetry. 8. Slang. To give information or evidence against someone. —*vt.* 1. To render in tones with musical inflections of the voice <The messenger sang the telegram>. 2. To produce the musical sound of. 3. To intone: chant. 4. To proclaim, esp. in verse <sang our praises>. 5. To bring to a specified state by singing <sang the child to sleep>. —*ing* *one* To shout about loudly. —*n.* A gathering of people for group singing.

sing-a-long (*sing'ā-lōng*, *lōng*) *n.* A singfest.

singe (*sinj*) *vt.* *singed, singe-ing, singes.* [*ME sengen < Old Sengen*.] 1. To burn superficially: SCORCH. 2. To burn the ends of.

3. To burn off the feathers or bristles of by subjecting briefly to flame. —*singe n.* —*singe* (*sinjē*) *n.* 1. A person who sings, esp. a trained or professional vocalist. 2. A poet. 3. A songbird.

Sing-ha-les (*sin'ha-lēs*) *n.*, *pl.* *Singhales* or *Sinhalese*. [*Skt. Sinhala, Sri Lanka + ESE*.] 1. A people constituting the major portion of the population of Sri Lanka. 2. The Indic language of the Singhalese that is the chief language of Sri Lanka. —*adj.* Of or relating to the Singhalese or their language.

single (*sing'gəl*) *adj.* [*ME singgle < OFr. < Lat. singulus*.] 1. Unaccompanied by another or others: SOLE <a single survivor>.

2. a. Consisting of one part or form <a single layer> <a single standard of quality>. b. Consisting of one alone <I had but a single thought, which was to survive>. 3. Undivided: unbroken. 4. Separate from others: DISTINCT. 5. Designed to accommodate only one <a single room>. 6. a. Unmarried <single people>. b. Of or pertaining to celibacy. 7. Bot. Having only one rank or row of petals <a single flower>. —*n.* 1. A separate unit: INDIVIDUAL. 2. An accommodation for one person. 3. One who is unmarried <a bar for singles>. 4. A one-dollar bill. 5. a. Baseball. A one-base hit. b. A hit in one run in cricket. c. A golf match between two players. d. *singles*. A tennis match between two players. —*adv.* *-gled, -gled-ness*. —*vt.* 1. To choose from among others <singled you out for this great honor>. 2. *Baseball*. To cause (a baserunner) to score.

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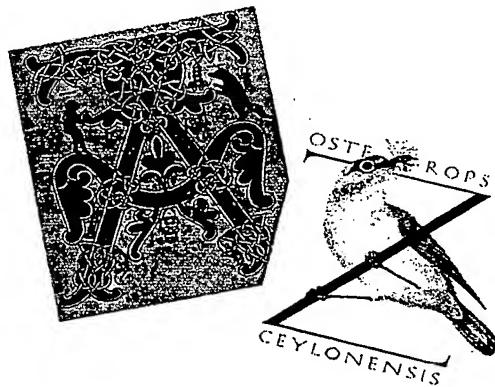
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turer who patented (1851) a sewing machine capable of making continuous stitches.

Singha•lese (sing'gə-lēz', -lēz') *n. & adj.* A variant of *Sinhalese*.

sin•gle (sing'gəl) *adj.* 1. Not accompanied by another or others; solitary. 2a. Consisting of one part, aspect, or section: *a single thickness; a single serving*. b. Having the same application for all; uniform: *a single moral code for all*. c. Consisting of one in number: *She had but a single thought, which was to escape*. 3. Not divided; unbroken: *a single slab of ice*. 4a. Separate from others; individual and distinct: *Every single child will receive a gift*. b. Having individual opponents; involving two individuals only: *single combat*. 5a. Honest; undisguised: *a single adoration*. b. Wholly attentive: *You must judge the contest with a single eye*. 6. Designed to accommodate one person: *a single bed*. 7a. Unmarried. b. Lacking a partner: *a single parent*. c. Relating to the unmarried state: *enjoys the single life*. d. Of or relating to celibacy. 8. *Botany* Having only one rank or row of petals: *a single flower*. ♦ *n.* 1. One that is separate and individual. 2. An accommodation for one person, as in a hotel. 3a. An unmarried person. b. *singles* Unmarried persons considered as a group: *a bar for singles*. 4. A one-dollar bill. 5a. A phonograph record, especially a forty-five, having one song on each side. b. A song on one of these sides. c. A song, often from a full-length album or compact disk, that is released for airplay. 6. *Baseball* A hit by which a batter reaches first base safely; a one-base hit. 7. *Sports* a. A hit for one run in cricket. b. A golf match between two players. c. A tennis or badminton match between two players. Often used in the plural. d. *singles* A competition in which individuals compete against each other, as in rowing or figure skating. ♦ *v.* -gled, -gling, -gles *-tr.* 1. To choose or distinguish from others. Often used with *out*: *We singled her out from the list of applicants*. 2. *Baseball* a. To cause (a base runner) to score or advance by making a one-base hit: *singled him to second*. b. To cause the scoring of (a run) by a one-base hit. —*intr. Baseball* To make a single. [Middle English *sngle*, from Old French, from Latin *singulus*. See *sem-* in Appendix I.] —*sin'gle•ness* *n.*

single blind *n.* A testing procedure in which the administrators do not tell the subjects if they are being given a test treatment or a control treatment in order to avoid bias in the results. —*sin'gle-blind* (sing'-gl-blind') *adj.*

single bond *n.* A covalent bond in which one electron pair is shared by two atoms.

sin•gle-breast•ed (sing'gə-brēst'ēd) *adj.* Closing with a narrow overlap and fastened down the front with a single row of buttons: *a single-breasted suit*.

sin•gle-cell protein (sing'gə-sēl') *n. Abbr. SCP* A protein extracted from cultured algae, yeasts, or bacteria and used as a substitute for protein-rich foods, especially in animal feeds.

single cross *n. Genetics* The hybrid of two inbred lines. It can be represented as AB, the product of the cross A × B, where A and B represent inbred lines.

single entry *n.* A system of bookkeeping in which a business keeps only a single account showing amounts due and amounts owed.

sin•gle-fam•i•ly (sing'gə-fām'ē-lē, -fām'lē) *adj.* Relating to or being a dwelling designed for one family only: *a single-family home; single-family occupancy*.

single file *n.* A line of people, animals, or things standing or moving one behind the other. Also called *Indian file*. —*single file* *adv.*

sin•gle-foot (sing'gə-fōt') *n.* A rapid gait of a horse in which each foot strikes the ground separately; the rack. No longer in technical use. ♦ *intr. v.* -foot•ed, -foot•ing, -foots To go at the single-foot. —*sin'gle-foot'er* *n.*

sin•gle-hand (sing'gə-hānd') *tr.v.* -hand•ed, -hand•ing, -hands To sail (a boat) without the help of others: *"a business executive who single-hands her own small cruising cutter"* (Tony Gibbs). —*sin'gle-hand'er* *n.*

sin•gle-hand•ed (sing'gə-hānd'ēd) *adj.* 1. Working or done without help; unassisted. 2. Intended for use with one hand. 3. Having or using only one hand. ♦ *adv.* In a single-handed manner. —*sin'gle-hand'ed•ly* *adv.* —*sin'gle-hand'ed•ness* *n.*

sin•gle-heart•ed (sing'gə-hārt'ēd) *adj.* Sincere and dedicated. —*sin'gle-heart'ed•ly* *adv.* —*sin'gle-heart'ed•ness* *n.*

sin•gle-hood (sing'gə-hoo'd) *n.* The state of being unmarried.

sin•gle-is•sue (sing'gə-īsh'ū) *adj.* Of, relating to, or concerned with a single public issue, especially a controversial one, to the exclusion of all other issues: *single-issue groups; single-issue politics*.

single knot *n.* See *overhand knot*.

sin•gle-lens reflex (sing'gə-lēn'sfē) *adj. Abbr. SLR* Of or designating a form of reflex camera in which the reflecting mirror retracts when the shutter is released.

sin•gle-mind•ed (sing'gə-min'dēd) *adj.* 1. Having one overriding purpose or goal: *the single-minded pursuit of money*. 2. Steadfast; resolute: *He was single-minded in his determination to stop smoking*. —*sin'gle-mind'ed•ly* *adv.* —*sin'gle-mind'ed•ness* *n.*

sin•gle-phase (sing'gə-fāz') *adj.* Producing, carrying, or powered by a single alternating voltage.

sin•gles bar (sing'gəlz) *n.* A bar patronized especially by unmarried men and women.

sin•gle-sex (sing'gə-sēks') *adj.* Same-sex.

sin•gle-space (sing'gə-spās') *v.* -spaced, -spac•ing, -spac•es *-tr.* To type, print, or format (copy) without leaving a blank line between lines. —*intr.* To type, print, or format copy without leaving a blank line between lines.

single standard *n.* A set of principles with the same standard for all, especially regarding the sexual behavior of both men and women.

sin•gle•stick (sing'gəl-stik') *n.* 1. A one-handed fencing stick fitted with a hand guard. 2. The art, sport, or exercise of fencing with such a stick.

sin•gle•stick•er (sing'gəl-stik'ēr) *n.* A sailboat with one mast; a sloop.

sin•glet (sing'glet) *n.* 1. Chiefly British A man's jersey undershirt. 2. Physics A multiplet with a single member.

single tax *n.* A system by which all revenue is derived from a tax on one thing, especially land.

sin•gle-ton (sing'gəl-tən) *n.* 1. *Games* A playing card that is the only one of its suit in a player's hand. 2a. An individual separated or distinguished from two or more of its group. b. An offspring born alone. [From the name *Singleton* (influenced by *SINGLE*).]

sin•gle-track (sing'gəl-trāk') *adj.* 1. Having just one track: *single-track railway*. 2. Lacking mental range or flexibility; one-track: *a single-track mind*.

sin•gle•tree (sing'gəl-trē') *n.* See *whiffletree*. [Alteration (influenced by *DOUBLETREE*) of *SWINGLETREE*.]

sin•gle•wide (sing'gəl-wid') *n.* A mobile home 14 feet (4.3 meters) in width, used as a permanent residence. —*sin'gle•wide'* *adj.*

sin•gly (sing'gley) *adv.* 1. Without the presence of others; alone. 2. Without the help of others; single-handed. 3. One by one; individually.

sin•song (sing'sōng', -sōng') *n.* 1. Verse characterized by mechanical regularity of rhythm and rhyme. 2. A monotonously rising and falling inflection of the voice. ♦ *adj.* Monotonous in vocal inflection or rhythm. —*sing'song'y* *adj.*

sin•gle•spiel (sing'gəl-spēl', zing'gəl-spēl') *n.* An 18th-century German musical comedy featuring songs and ensembles interspersed with dialogue. [German: *singen*, to sing (from Middle High German, from Old High German *singan*; see *sing* "to sing" in Appendix I) + *Spiel*, play; see *SPIEL*.]

sin•gu•lar (sing'gə-lər) *adj.* 1. Being only one; individual. 2. Being the only one of a kind; unique. 3. Being beyond what is ordinary or usual; remarkable. 4. Deviating from the usual or expected; odd. See synonyms at *strange*. 5. *Grammar* a. Of, relating to, or being a noun, pronoun, or adjective denoting a single person or thing or several entities considered as a single unit. b. Of, relating to, or being a verb expressing the action or state of a single subject. 6. *Logic* Of or relating to the specific as distinguished from the general; individual. ♦ *n. Grammar* 1. The singular number or a form designating it. 2. A word having a singular number. [Middle English *singuler*, from Old French, from Latin *singulāris*, from *singulus*, single. See *SINGLE*.] —*sin'gu•lar•ly* *adv.* —*sin'gu•lar•ness* *n.*

sin•gu•lar•ty (sing'gə-lär'ē-tē) *n., pl. -ties* 1. The quality or condition of being singular. 2. A trait marking one as distinct from others; a peculiarity. 3. Something uncommon or unusual. 4. *Astrophysics* A point in space-time at which gravitational forces cause matter to have infinite density and infinitesimal volume, and space and time to become infinitely distorted. 5. *Mathematics* A point at which the derivative does not exist for a given function but every neighborhood of which contains points for which the derivative exists. Also called *singular point*.

sin•gu•lar•ize (sing'gə-lär'iz) *tr.v.* -ized, -iz•ing, -iz•es To make conspicuous; distinguish.

singular point *n.* See *singularity* (sense 5).

sin•gu•la•tive (sing'gə-lā-tiv', -lā-tiv') *adj.* Of or relating to a linguistic form or construction that expresses a singular entity, often as opposed to a collective, such as *rice-grain* as opposed to *rice*. ♦ *n. A singular form or construction.* [French *singulatif*, from Latin *singulātum*, *singulātum*, one at a time, singly, from *singulus*, single. See *SINGLE*.]

sinh abbr. hyperbolic sine

Sin•ha•la (sin'hālə), *n., pl. Sinhala or -las* 1. A Sinhalese. 2. The Sinhalese language. [Sinhala *Sinhala*, from Sanskrit *sirhalah*, Sri Lanka, from *sirihah*, lion (perhaps from the former presence of lions there).]

Sin•ha•lese (sin'ha-lēz', -lēz') *n., pl. Sinhalese or Singhalese* 1. A member of a people constituting the majority of the population of Sri Lanka. 2. The Indic language of the Sinhalese that is the chief language of Sri Lanka. ♦ *adj.* Of or relating to Sri Lanka, the Sinhalese, or their language or culture. [Sanskrit *Sinhalam*, Sri Lanka + -ESE.]

Sin•ic•ism (sī'ni-sīz'əm, sīn'ē) *n.* A custom or trait peculiar to the Chinese. [From *Sinic*, Chinese, from Medieval Latin *Sinicus*, from Late Latin *Sinæ*, the Chinese. See *SINO-*.]

Si•ni•ci•ze (sī'ni-sīz', sīn'ē) *tr.v.* -cized, -ciz•ing, -ciz•es To make Chinese in character or to change or modify by Chinese influence. —*Si•ni•ci•za•tion* (-sī-zā'shōn) *n.*

Si•ni•fy (sī'na-fī', sīn'ē) *tr.v.* -fied, -fy•ing, -fies To Sinicize. [Late Latin *Sinæ*, the Chinese; see *SINO-* + *-FY*.] —*Si•ni•fi•ca•tion* (-fī-kā'shōn) *n.*

sin•is•ter (sin'is-tər) *adj.* 1. Suggesting or threatening evil: *a sinister smile*. 2. Presaging trouble; ominous: *sinister storm clouds*. 3. Attended by or causing disaster or inauspicious circumstances. 4. On the left side; left. 5. *Heraldry* Situated on or being the side of a shield on the wearer's left and the observer's right. [Middle English *sinistre*, unfavorable, from Old French, from Latin *sinister*, on the left, unlucky.] —*sin'is•ter•ly* *adv.* —*sin'is•ter•ness* *n.*

Synonyms *sinister*, *baleful*, *malign* These adjectives apply to what is indicative of or threatens great harm, disaster, or evil. *Sinister* usually implies impending or lurking danger that makes its presence felt by ominous signs or portents: *We heard a sinister laugh from behind the door*. *Baleful* intensifies the sense of menace; it suggests a deadly, virulent, or poisonous quality: *The guard's baleful glare frightened the children*. *Malign* applies to what manifests an evil disposition, nature, influence, or



Isaac M. Singer



single-breasted
single-breasted blazer

ā pat	oi boy
ā pay	ou out
ār care	ō took
ār father	ō boot
ē pet	ū cut
ē be	ūr urge
ī pit	th thin
ī pie	th this
īr pier	hw which
ō pot	zh vision
ō toe	ə about, item
ō paw	♦ regionalism

Stress marks: ' (primary); ' (secondary), as in *dictionary* (dik'shə-nēr'ē)

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Noah Webster

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SIGNS AND SYMBOLS, AND FORMS OF ADDRESS

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sinecurist

si'né-cú-rist, *n.* one who has, or seeks a sinecure.
si'né di'ē, *[L.]* without (a) day (being set for meeting again); for an indefinite period; as, the assembly adjourned *sine die*.

si'né prō'lē, *[L.]* in law, without offspring; childless.

si'né quā (*kwā*) *non*, *[L.]* an essential condition, qualification, etc.; an indispensable thing; an absolute prerequisite.

si'néw (-ū), *n.* *[M.E. sinewe; A.S. sionu.]*

1. in anatomy, a tendon; the tough fibrous tissue which unites a muscle to a bone.

2. that which supplies power or strength; as, the *sinews* of war.

3. muscular power; strength; force.

si'néw, *v.t.* sinewed, *pt.*, *pp.*; sinewing, *ppr.*

1. to knit strongly together, as with sinews.

2. to strengthen; to supply with or as with sinews; to make robust.

si'né-wi-ness, *n.* the state or quality of being sinewy.

si'né-wish, *a.* sinewy. *[Obs.]*

si'né-wless, *a.* without sinews; having no strength or vigor.

si'né-wous, *a.* sinewy.

si'né-w-shrunk, *a.* having the sinews under the belly shrunk by excess of fatigue, as a horse.

si'né-w-y, *a.* 1. pertaining to, consisting of, or resembling a sinew; tough; strong.
 The *sinewy* thread my brain lets fall.

—Donne.

2. having many or large sinews, as a cut of meat.

3. having good muscular development; as, *sinewy* shoulders.

4. vigorous; powerful; robust; as, a *sinewy* style of writing.

si'né-ni'ā, *n.; pl. si'né-ni'e*, *[It.]* in music, same as *symphony*.

si'néyl, *a.* full of or characterized by sin; wicked; iniquitous; as, *sinful* men; *sinful* actions.

si'né-yly, *adv.* in a sinful manner; so as to be sinful.

si'né-y-ness, *n.* the quality or state of being sinful.

sing, *v.i.*; sang or now rarely sung, *pt.*; sung, *pp.*; singing, *ppr.* *[A.S. singan; akin to G. singen, to sing.]*

1. (a) to produce musical sounds or notes with the voice, especially in a connected series, as in voicing a song; (b) to deliver musical selections vocally, especially as a professional.

2. to use song or verse in description, praise, etc.; as, of these I *sing*.

3. to sound somewhat like the singing of a human voice; to produce a musical note or notes, as a songbird, steaming teakettle, wind, etc.

4. to buzz, hum, ring, etc., as the ears, an insect, flying missile, etc.

5. to admit of being sung.

6. to be exultant; to rejoice; as, a sight to make one's heart *sing*.

7. to confess to a crime, especially so as to implicate others. *[Slang.]*

to *sing out*; to speak or call out loudly; to shout. *[Colloq.]*

sing, *v.t.* 1. to render or deliver (a song, musical role, etc.) by singing; to utter with musical inflections.

2. to chant or intone (part of a church service, etc.).

3. to describe, proclaim, extol, celebrate, etc. in or as in song or verse; as, they all *sing* his praises.

4. to bring to a given state, as sleep, by singing.

5. to accompany, escort, etc. with singing.

sing, *n.* 1. a shrill buzzing, whistling, or humming sound; as, the *sing* of arrows overhead.

2. (a) group singing; (b) a gathering for this purpose. *[Colloq.]*

sing'a-ble, *a.* 1. that can be sung.

2. easy to sing; tuneful; lyrical; melodic.

sing'e, *v.t.* singed, *pt.*, *pp.*; singeing, *ppr.* *[A.S. singan, to singe, causative of singan, to sing; akin to G. singen, to singe.]*

1. to burn superficially or slightly.

2. to expose (an animal carcass) to flame in removing bristles or feathers.

3. to burn the nap from (cloth) as a process of manufacture.

4. to burn the ends of (hair) after cutting.

sing'e, *n.* 1. a singeing.

2. a superficial or slight burn.

singletree

sing'er, *n.* 1. one who sings; one versed in music; one whose occupation is to sing; as, a chorus of *singers*.

2. a bird that sings.

3. one who composes verse; a poet.

sin'gér, *n.* 1. one who or that which sings; one who sings; the nap of cloth.

2. a machine for singeing cloth.

sing'er-ess, *n.* a songstress. *[Obs.]*

Siñ-ghá-lé-sé' (-gá-), *a.* *[from Sans. Siñhala, Ceylon; and -sé.]* of Ceylon, its principal race, their language, etc.

Siñ-ghá-lé-sé', *n.* 1. *pl.* **Siñ-ghá-lé-sé'**, a member of the Singhalese people.

2. their Indic language.

Also *Sinhalese*.

sing-há'ra nut, same as *water chestnut*.

sing'ing, *n.* 1. the act of uttering sounds with musical inflection.

2. the act of narrating in verse.

3. the sensation of a continual ringing noise in the ears; as, I have a *singing* in my head.

sing'ing, *a.* producing or that can produce musical tones or sounds.

singing bird; any bird that sings; specifically, an oscine.

singing fish; a toadfish of the genus *Po-richthys*, native to California.

singing flame; in physics, a flame, generally enclosed in a tube, which emits a musical sound.

singing school; a school in which instruction is given in singing.

sing'ing-ly, *adv.* in a singing manner.

sin'gle (-gl), *a.* *[L. singulus, single.]*

1. one only; one and no more; individual.

2. without another or others; alone; solitary.

3. of or for one person, as a bed, room, etc., or one family, as a house.

4. weak in quality; said of beer, ale, etc. *[Brit.]*

5. between two persons only; with only one on each side; as, *sing* combat.

6. (a) unmarried; (b) of or characteristic of the unmarried state.

7. having only one part; not double, compound, multiple, etc.

8. having only one row or set of petals: said of flowers and plants.

9. honest; sincere.

10. seeing justly; as, judge with a *single* eye.

11. in telephony, simplex.

single bill; note of hand or other written agreement to pay money without conditions.

single court; in lawn tennis, a court laid out for two players.

single file; (a) a single column of persons or things placed or moving one directly behind another; (b) in such a column; as, the men are marching *single file*.

single flower; a flower having only a single set of petals, as a wild rose.

single standard; (a) a moral code establishing one code of behavior for men and women alike, especially in matters of sex; (b) a standard of monetary values based on a single metal, as either gold or silver; opposed to *double standard*.

single whip; in nautical usage, one rope only running through a block.

Syn.—one, only, sole, solitary, individual, separate, uncombined, unmarried, uncompounded.

sin'gle, *v.t.* singed, *pt.*, *pp.*; singling, *ppr.*

1. to select, as an individual person or thing, from among a number; to choose from others; usually with *out*; as, he could not understand why he was *singled out*.

2. to sequester; to withdraw; to retire. *[Obs.]*

sin'gle, *v.i.* 1. to separate from others, as a hunted deer when it leaves the herd.

2. to move with a single-footed gait, as horses.

3. in baseball, to make a single.

4. in baseball, a hit by which the batter reaches no farther than first base.

5. in cricket, a hit by which one run is scored.

6. in golf, a match between two persons; a twosome; distinguished from *foursome*.

7. *pl.* in tennis, etc., a game with only one player on each side.

8. the tail of a deer or buck. *[Brit.]*

sin'gle-act'ing, *a.* acting in or impelled from one direction only; not reciprocating.

single-acting engine; an engine in which the steam acts only against the under side of the piston, the weight of the atmosphere pressing it down again, against the vacuum produced by the condensation of the spent steam. Such engines are now out of date.

single-acting piston; a piston which is in contact with the fluid upon which it acts on one side only.

single-acting pump; a pump which delivers liquid at each alternate stroke only, one stroke being spent in drawing or lifting the liquid into the pump, the other in delivering it.

sin'gle-ac'tion, *a.* designating a firearm whose hammer must be cocked by hand before the weapon can be fired.

sin'gle-banked (-bánkt), *a.* 1. having one oarsman to a thwart.

2. having one bank or tier of oars, as some vessels of former times.

3. having one row of keys, as an organ.

sin'gle-bár, *n.* a singletree.

sin'gle-breast'ed (-brest'), *a.* covering the front of the body with only one thickness, overlapping just enough to fasten: said of coats, vests, etc.: opposed to *double-breasted*.

sin'gle-en'try, *a.* having to do with book-keeping by single entry.

sin'gle en'try, *n.* a system of bookkeeping in which the only account kept is a single one consisting of debts owed to and by the concern in question.

sin'gle-fire, *a.* not intended to be loaded a second time after firing; having the fulminating material inside the head or base, aside breech-loading cartridge.

sin'gle-foot, *n.* the gait of a horse in which the legs move in lateral pairs, each foot falling singly and the body being supported alternately upon one foot and two feet; also called *rack*.

sin'gle-foot, *v.i.* to go with a single-foot gait as horses: also called *rack*.

sin'gle-hand'ed, *a.* 1. having one hand or workman only.

2. unassisted; by oneself alone; alone.

3. worked or managed by one hand only, as, a *single-handed sword*.

sin'gle-heart'ed, *a.* having a single or honest heart; without duplicity.

sin'gle-heart'ed-ly, *adv.* in a single-hearted manner.

sin'gle-mind'ed, *a.* 1. having a single or honest mind or heart.

2. having but one purpose in view.

sin'gle-ness, *n.* the state or quality of being single.

sin'gle-phâs'e, *a.* in electricity, denoting a phase present in ordinary alternating currents in a simple alternating current system.

sin'gle-phâs'ér, *n.* in electricity, a machine that produces a single-pressure wave.

sin'gle-seed'ed, *a.* containing one seed only.

sin'gle-stick, *n.* 1. a swordlike stick used for fencing and fitted with a basket hilt to protect the hand.

2. the sport of fencing with such sticks.

3. a wooden sword used in practices in place of the cutlass.

sin'gle-stick'ér, *n.* a sailboat, especially a sloop, having but a single mast. *[Colloq.]*

sin'glet, *n.* 1. an unlined waistcoat, the opposite of a *doublet*, which is lined. *[Archaic.]*

2. a man's undershirt or jersey. *[Brit.]*

sin'gle-tax, *a.* advocating or having to do with single tax.

sin'gle tax, *1.* a system of taxation in which all revenue is from a tax on a single object, specifically on land.

2. a tax of this kind.

sin'gle-tón, *n.* *[from single, after proper names ending in -ton]*.

1. a playing card that is the only one of its suit held by a given player.

2. a single thing, as distinguished from one of a pair, several, etc.

sin'gle-track, *a.* 1. having only one set of rails; as, a *single-track* trolley or railroad.

2. having a limited scope; narrow; as, a *single-track* mind.

Also *one-track*.

sin'gle-tree, *n.* *[a corrupted form of M.E. swingl-tree, from swingl, a swinger, and tree, a piece of wood.]* the swinging horizontal crossbar to which the traces or tugs of a harnessed horse are fastened: also called *swingletree*, *whippletree*, *whiffletree*.

sin'gú-lär, *1.* *peculiar*. *2.* a person from all countries.

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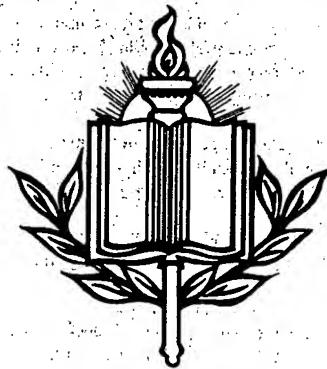
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